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**Date:** December 16, 2004 **File Number:** 5649KO.1162

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**To:** Commissioner for Patents

**Company:** U.S. Patent and Trademark Office

**From:** Julie H. Richardson, Esq.

**Number of Pages:** ~~17~~ 28 **Return fax to:** Rosa Lee

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In re: Sung-Yung Lee, et al.  
Application Serial No.: 10/650,344  
Filed: August 28, 2003

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Attorney Docket No. 5649-1162

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Sung-Yung Lee, et al.

Confirmation No.: 6659

Application Serial No.: 10/650,344

Group Art Unit: 2826

Filed: August 28, 2003

Examiner: Kevin Quinto

For: SEMICONDUCTOR DEVICES HAVING CAPACITORS OF METAL-  
INSULATOR-METAL STRUCTURE WITH COEXTENSIVE OXIDATION  
BARRIER PATTERN AND LOWER ELECTRODE BOTTOM AND METHODS  
OF FORMING THE SAME

Date: December 16, 2004

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an AMENDMENT in the above-identified patent application.

☐ Applicant claims small entity status. See 37 CFR §1.27.☐ No additional fee is required.☒ The fee has been calculated as shown below:

(COL. 1)		(COL. 2)	(COL. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	Claims Remaining After Amendment	Highest Number Previously Paid For	Present Extra	RATE	ADDIT. FEE	OR RATE	ADDIT. FEE
Total	44	35	= 9	x 25=	\$	x 50=	\$450.00
Indep	5	3	= 2	x 100=	\$	x 200=	\$400.00
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+180=	\$	+360=	\$
				Total Add. Fee \$		OR Total	\$850.00

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.


\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior Amendment or the number of claims originally filed.

In re: Sung-Yung Lee, et al.  
Application Serial No.: 10/650,344  
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Page 2

- ☒ Please charge my Deposit Account No. 50-0220 in the amount of \$850.00 for additional claims and independent claims.
- ☐ A check in the amount \$ \_\_\_\_\_ to cover \_\_\_\_\_ is enclosed.
- ☒ The Commissioner is hereby authorized to charge the appropriate fees associated with this communication or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

  
Julie H. Richardson  
Registration No. 40,142

USPTO Customer No. 20792  
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Raleigh, North Carolina 27627  
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**CERTIFICATION OF FACSIMILE TRANSMISSION**  
**UNDER 37 CFR 1.8**

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Rosa Lee Brinson

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Attorney Docket No. 5649-1162

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Date: December 16, 2004

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO  
OFFICE ACTION DATED OCTOBER 5, 2004**

Sir:

This response is submitted in reply to the Official Action dated October 5, 2004 ("the Action"). If any extension of time for the accompanying response or submission is required, Applicant requests that this be considered a petition therefor. The Commissioner is hereby authorized to charge any additional fee, which may be required, or credit any refund, to our Deposit Account No. 50-0220.

**Amendments to the Claims** are reflected in the listing of claims, which begin on page 2 of this document.

**Remarks** begin on page 11 of this document.